AI080	Energy Centre Discharge		Occurence	Detection	Consequence	Operational Significance	Impact score	Significance
Activity Description:	The discharge from the Energy Centre is in effect dirty water with low levels of contaminants within the effluent. This would not significantly add to the volumes being treated but at the same time remove the need for tankering and further treatment.	**Normal**	4.00	1.00	1.19		2	LOW
Source	Contaminated water from the process including blow down and leachates from the wood chip	**Abnormal**	3.00	1.00	3.00		2	LOW
Pathway	Water-bourne through drains.	**Emergency**	2.00	2.00	3.00		2	LOW
Receptor	River Gipping	**Average**	**3.00**	**1.33**	**2.40**	**4.00**	**38.33**	LOW
Mitigation	Currently discharged off site via tankers. By directing it to the waste water treatment plant, it will be opossible to remove tanker movements from the road. In addition the water will help with dilution and homogeneity of the untreated effluent going into the WWTP.							
	Environmental Aspects							
Solid Waste	Suspended solids that will settle out or be filtered out by the process							
Hazardous Material Usage	None							
Air Emissions	None							
Raw Material Usage	Water used for cleaning and dilution purposes							
Land Use	No additional land use required							
Effluent	The effluent is relatively benign in that there are very low levels of contaminants that will be removed safely by the WWTP							
Nuisance	None							
Energy	Drains are gravity fed							
	Environmental Impacts							
Solid Waste	Sludges etc can be disposed of as a solid waste giving potential for leachate and therefore pollution potential. This is thought to be unlikely							
Hazardous Material Usage	None							
Air Emissions	None							
Raw Material Usage	Water usage is a depletion of a natural resource							
Land Use	None							
Effluent	Minimal impact							
Nuisance	None							
Energy	Minimal energy requirements